

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

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| Name of applicant/agent    | Sally Elliot                                                                                                                                                        |
| Site Address               | 159 Foxroyd Lane<br>Dewsbury<br>WF12 0LT                                                                                                                            |
| Description of Development | Roof extension including rear dormer; lower ground floor rear extension with terrace over; porch extension to the front; and render to the existing external walls. |

#### **Part 2: Climate Change Mitigation measures**

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| Please respond to the following questions considering the measures set out in the Climate Change Guidance note:                                                                                                                                                                                                                                                            |
| Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)                                                                                                                                                                                       |
| Services would include smart metering and smart building service controls for heating. Where white good appliances are replaced for new kitchen, energy efficient appliances to be used. Energy efficient LED lighting throughout. External space available for drying.                                                                                                    |
| Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)                                                                                                                                                    |
| Retention of existing building for extension rather than rebuild. New timber items generally (roof and internal partitions) to be FSC sourced timber. Contractor to follow waste management hierarchy and incorporate facilities to minimise waste. Use of high performance insulation products. Use of materials with long lifespan and minimal maintenance requirements. |
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)                                                                                                                                                                                                                                                               |
| Dormer flat roof available for future installation of solar panels.                                                                                                                                                                                                                                                                                                        |

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| Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)                                                                                                                                                                                                            |
| U-Values to be in excess of building regulations minimum requirements. Good levels of airtightness in excess of building regulations requirements. Aspiration to minimise thermal bridges as far as practicable in the Technical Design. Minimal glazing to North elevations with good levels of glazing to the South elevation to benefit passive solar gains. Roof lights to maintain daylight deep into existing building. |
| Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)                                                                                                                                                                                                                                                                                  |
| Site is in a Flood Risk 1 area, so is of low risk of flooding from the sea or rivers. Minimal new hardstanding areas, with any new hardstanding draining to soft landscaped areas and beds for on-site drainage.                                                                                                                                                                                                              |
| Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)                                                                                                                                                                                                                                           |
| Dual flush toilets. Prioritising showers for use over baths.                                                                                                                                                                                                                                                                                                                                                                  |
| Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)                                                                                                                                                                                                                                                                                                                                  |
| Swift nesting box proposed to East elevation at eaves level (see species enhancement statement)                                                                                                                                                                                                                                                                                                                               |
| Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)                                                                                                                                                                                                                                                                                                  |
| Not in an Air Quality Management Area. Materials to be locally sourced as far as reasonably practicable.                                                                                                                                                                                                                                                                                                                      |